

ZHANUZAKOV, N.I.; GERSHUN, V.I.

Feather grass disease in sheep. Veterinariia 42 no.8:71-72
Ag '65. (MIRA 18:11)

1. Nachal'nik veterinarnogo otdela Veterinarnoy laboratorii
Kustanayskoy oblasti (for Zhanuzakov). 2. Direktor
Veterinarnoy laboratorii Kustanayskoy oblasti (for Gershun).

ZHANUZAKOV, N.Zh.; RADIONOV, P.V.

In the drive for the title of the specialist of communist labor. /
Veterinariia 41 no.8:11-12 Ag '64. (MIRA 18:4)

1. Nachal'nik veterinarnogo otдела Nauchno-issledovatel'skoy veterinarnoy stantsii, Kustanayskaya oblast' (for Zhanuzakov).
2. Zaveduyushchiy gel'mintologicheskim otdelom Nauchno-issledovatel'skoy veterinarnoy stantsii, Kustanayskaya oblast' (for Radionov).

PARIMBETOV, B., kand.tekhn.nauk; ZHAPABAYEV, K., inzh.

Cellular concretes made of waste products of copper ore concentration
and copper smelting slags. Stroi.mat. 7 no.5:13-16 M^y '61.
(MIRN 14:6)

(Concretes) (Copper industry---By-products)

ZHAPARKHANOV, S.

Ground waters of the Karamys Valley and prospects for using it
as a water supply. Vest.AN Kazakh.SSR 16 no.8:87-92 Ag '60.
(MIRA 13:9)

(Karamys Valley--Water, Underground)

ZHAPARKHANOV, S.

Conditions of formation and the cycle of underground waters in
the upper part of the Sherubay-Nura Basin. Izv. AN Kazakh. SSR.
Ser. geol. no.1:61-67 '61. (MIRA 14:6)
(Sherubay-Nura Valley--Water, Underground)

ABDULIN, A.A.; ZHAPARKHANOV, S.Zh.

K.I. Sapaov Geological Institute of the Academy of Sciences of
the Kazakh S.S.R. (brief results of scientific activities). Izv.
AN Kazakh. SSR. Ser. geol. 22 no.1:93-95 Ja-F '65.

(MIRA 18:6)

1. Institut geologicheskikh nauk im. K.I. Satpayeva, g. Alma-Ata.

ZHAPARZHANOV, S.

Underground waters are an important source of water supply to
the Shotsk region. Trudy Inst.geol.nauk AN Kazakh.SSR no.4:110-
115 '61. (MIRA 14:10)

(Karaganda Province--Water, Underground)

ZHAPARKHANOV, S.Zh.

Some characteristics of the formation of the chemical and qualitative composition of underground waters in the upper Sherubay-Mura basin. Izv.AN Kazakh.SSR. Ser.geol. no.5:42-57 '62. (MIRA 15:12)
(Sherubay-Mura Valley—Water, Underground—Analysis)

ZHAPARKHANOV, S.Zh.

Underground waters of the Sherubay-Mura Valley and conditions
governing their formation. Trudy Inst. geol. nauk AN Kazakh.
SSR no.14:138-142 '65. (MIRA 19:1)

AKHMEDSAFIN, U.M., akademik; AVROV, P.Ya.; ZHAPARKHANOV, S.Zh., kand. geologo-mineral. nauk; LI, A.B., kand. geologo-mineral. nauk; TSIREL'SON, B.S.

Artesian waters of cretaceous deposits of the eastern Kyayl Kum and the Arys' Depression and the outlook for their use. Vest. AN Kazakh. SSR 21 no.6:38-46 Je '65. (MIRA 18:7)

1. Akademiya nauk Kazakhskoy SSR (for Akhmedsafin). 2. Chlen-korrespondent AN Kazakhskoy SSR (for Avrov).

ZHAPARKHANOV, S.Zh.

Underground water of the upper part of the Sherubay-Nura Basin.
Trudy Inst. geol. nauk AN Kazakh. SSR 9:5-51 '64.

(MIRA 17:11)

ZHAPBASBAYEV, M.

Heat balance of a rice field. Trudy GGO no.147:25-41 '63.
(MIRA 16:7)

(Syr Darya Valley--Rice) (Microclimatology)

ZHAPBASBAYEV, M.

Distribution of basic meteorological elements in a rice field.
Trudy GGO no.147:42-65 '63. (MIRA 16:7)
(Rice) (Microclimatology)

ALBUL, N.G., inzh.; ZHAPOVALOV, P.S., inzh.

Erection of metal headframes in Karaganda Basin coal mines. Shakht.
stroï. 8 no.11:21-23 N '64. (MIRA 18:1)

1. Kombinat Karagandashakhtostroy.

MIKHEL'SON, A.I., prof.; ZHARAKHOVICH, I.A.

Efficient surgical treatment of ectopia of ureteral orifices.
Urol. i nefr. 30 no.1:55-56 Ja-F '65.

(MIRA 18:11)

1. Urologicheskaya klinika (zav. - prof. A.I.Mikhel'son)
Belorusskogo instituta usovershenstvovaniya vrachey, Minsk.

L 24720-66 EWT(m)/EWP(j) IJP(c) RM

ACC NR: AP6009511

SOURCE CODE: UR/0413/66/000/005/0020/0021

AUTHOR: Ivanova, V. A.; Genkin, N. D.; Vorob'yev, V. D. Ginzburg, B.G.;
Zharavin, K. N.; Korchilava, Ye. Ya.; Savost'yanova, N. G.

ORG: none

TITLE: Preparation of Captax-2-mercaptobenzothiazole. Class 12,
No. 179306 announced by the Scientific Research Institute of Organic
Semifinished Products and Dyes and the Berezniki Plant of Aniline
Dyes (Nauchno-issledovatel'skiy institut organicheskikh poluproduktov
i krasiteley i Bereznikovskiy anilinokrasochnyy zavod)

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki,
no. 5, 1966, 20-21

TOPIC TAGS: captax, mercaptobenzothiazole, aniline, aniline dye

ABSTRACT: An Author Certificate has been issued describing a method
for preparing Captax-2-mercaptobenzothiazole by melting aniline,
sulfur, nitrobenzene, carbon bisulfide at elevated temperatures and
pressure, followed by dissolving the melt in a water solution of
alkali hydroxide or milk of lime, purifying the solution obtained
and separating the product. To improve the quality of Captax, de-
contaminate the waste water and make it possible to use the solution

Crd 1/2 UDC: 547.789.6'2.07

L 24720-66

ACC NR: AP6009511

of the alkali Captax melt for the production of sulfuramides, the purification is conducted by extraction with benzene polychlorides, chlorobenzene, benzene, or their water emulsions, followed by removal of the residue of the solvent by conventional methods. [LD]

SUB CODE: 11/

SUBM DATE: 08Aug64/

Card 2/2 f/

ACCESSION NR: AP4022109

S/0073/64/030/003/0274/0279

AUTHOR: Zharavakiy, F. G.; Sereida, Ye. S.; Voronova, E. D.

TITLE: Extraction of hydriodic acid from aqueous solutions and separation of zinc and cadmium iodide complexes.

SOURCE: Ukrainskiy khimicheskiy zhurnal, v. 30, no. 3, 1964, 274-279

TOPIC TAGS: hydriodic acid, zinc iodide complex, cadmium iodide complex, extraction, zinc cadmium separation, selective extraction, extractant, partition coefficient, rhodanide precipitation, solvent dielectric constant

ABSTRACT: Elements occurring in the same series are separated in the form of their halide and rhodanide complexes by selective extraction. In this study the distribution of hydriodic acid and of zinc and cadmium iodide complexes between water and oxygen-containing organic solvents was determined. By increasing the initial concentration of HI from 0.1 to 5.0 moles/l. its transfer to the organic phase of the water-organic solvent system is increased. The ability to extract HI increases in the following series of solvents: isoamylacetate, diethyl ether, isoamyl alcohol, butanol (best extractant). The extracting ability of these alcohols

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ACCESSION NR: AP4022109

parallels their dielectric constant. The distribution of zinc and cadmium iodide complexes (prepared from aqueous solutions of the corresponding sulfates and KI) between aqueous H_2SO_4 -KI solutions and the following solvents was studied: isobutyl alcohol, isoamyl alcohol, diethyl ether, isobutylacetate, methylbutyl ketone, isoamyl acetate, and isoamylbenzoate. Increasing the acidity of the medium increases the separation of Cd into the organic phase, e.g., in isoamyl alcohol the partition coefficient is increased from 1.42 in 0.05 M H_2SO_4 to 111.00 in 6 M acid. An analogous effect occurs with Zn, only to a much lesser degree, on extraction with isoamyl alcohol, diethyl ether and methyl butylketone (from 0.12 in 0.05 M acid to 0.33 in 6 M acid in isoamyl alcohol). Extraction of the zinc iodide with the remaining organic solvents starts to increase with solutions 3 M or higher in acid. The ability of the alcohols and of the complex ethers to extract cadmium iodide increases with an increase in the molecular weight of a given class of compounds. By extracting a Cd-Zn mixture with isoamyl alcohol and subsequently treating the extract with a 25% solution of ammonium rhodanide, Zn-free Cd can be obtained even with an initial Zn:Cd ratio of 10:1. Orig. art. has: 4 tables.

Card

2/3

ACCESSION NR: AP4022109

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet im. T. G. Shevchenko
(Kiev State University)

SUBMITTED: 04Dec62

DATE ACQ: 09Apr64

ENCL: 00

SUB CODE: CH

NO REF SOV: 002

OTHER: 002

Card

3/3

ZHARDANIA, Iosif Fedorovich, prof.; PORAY-KOSHITS, K.V., red.; ZUYEVA, N.K.,
tekh. red.

[Handbook of obstetrics] Uchebnik akusherstva. Izd.2., ispr. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1959. 642 p.

(OBSTETRICS)

(MIRA 14:8)

FEDOTENKO, G.G.; ZHARITSKAYA, N.K.

Cytological study of the development of *Actinomyces viscosus*,
strain 17. Trudy Inst. mikrobiol. i virus. AN Kazakh. SSR. 8:
75-85 '65. (MIRA 18:11)

L 22458-66 EWT(d)/EWP(h)/EWP(L)
 ACC NR: AP6002542 (A,N) SOURCE CODE: UR/0286/65/000/023/0043/0043

AUTHORS: Kolot, I. I.; Gladkiy, V. I.; Sorokin, Ye. K.; Zhardinovskiy, G. M.;
 Sluchevskiy, V. A.; Gul'ko, A. I.; Kurochkin, A. S.

ORG: none

TITLE: Crane with variable extension boom. Class 35, No. 176667

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 43

TOPIC TAGS: crane, loading machinery, transport equipment

ABSTRACT: This Author Certificate presents a crane with variable extension boom which has a pinned supporting strut. The end of the strut is connected through a compound pulley system to the crane boom. To increase the lifting capacity with extended boom by eliminating compressive loads and to decrease crane height during transport, the pinned supporting strut is mounted at the base of the boom and is equipped with a diverting pulley mounted on the bottom part of this pulley so that the pulley forces are directed upward, opposing the forces resulting in the strut due to tension in the boom pulley system (see Fig. 1).

Card 1/2

UDC: 621.873.3

L 22458-66

ACC NR: AF6C02542

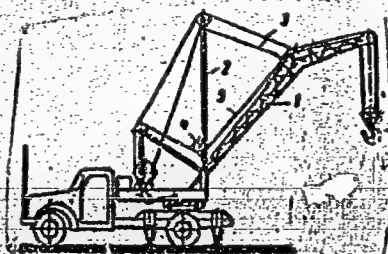


Fig. 1. 1 - boom; 2 - strut; 3 - boom pulley system; 4 - diverting pulley; 5 - load cable.

Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 28Oct64

Card 2/2 *Handwritten mark*

VAYNKOF, Ya.F., kand. tekhn. nauk; LUYK, I.A., kand. tekhn. nauk;
BOLIYEV, Ch.B., inzh.; ZHARDINOVSKIY, G.M., inzh.;
KOIMAKOV, V.M., inzh.; LINETSKIY, G.I., inzh.; MIRKIN, F.S.,
inzh.; POLYANSKIY, S.K., inzh.; RYSHKOVSKIY, V.N., inzh.

[Album on the maintenance of the 4043 and 4045 motor loaders]
Al'bom tekhnicheskogo obsluzhivaniia avtopogruzchikov 4043 i
4045. Moskva, Stroiizdat, 1965. 78 p. (MIRA 18:4)

1. Nauchno-issledovatel'skiy institut stroitel'nogo proizvod-
stva.

KOLPAKOV, V.M., inzh.; BALIYEV, Ch.B., inzh.; LINETSKIY, G.I.,
inzh.; POLYANSKIY, S.K., inzh.; LUYK, I.A., inzh.;
ZHARDINOVSKIY, G.M., inzh.; PPEREVALYUK, M.V., red.

[Album on the technical maintenance of the LAZ-690 motor
crane] Al'bom tekhnicheskogo obsluzhivaniia avtokrana
LAZ-690. Moskva, Stroiizdat, 1964. 110 p. (MIRA 17:6)

1. Moscow. Nauchno-issledovatel'skiy institut organizatsii
i mekhanizatsii stroitel'nogo proizvodstva.

KOIMAKOV, V.M., inzh.; BALIYEV, Ch.B., inzh.; LINETSKIY, G.I.,
inzh.; POLYANSKIY, S.K., inzh.; LUYK, I.A., inzh.;
ZHARDINOVSKIY, G.M., inzh.; LYTKINA, L.S., red.

[Album on the technical maintenance of the K-51 automobile
crane] Al'bom tekhnicheskogo obsluzhivaniia avtokrana K-51.
Moskva, Stroiizdat, 1964. 119 p. (MIRA 17:5)

1. Kiev. Nauchno-issledovatel'skiy institut organizatsii i
mekhanizatsii stroitel'nogo proizvodstva.

VORONKOV, B.G., assistant; KAMINSKIY, Ya.A., prof.; ORLOV, G.F.,
dots.; PASHKOV, B.I., dots.; BURMISTROV, V.G., dots.;
ZHARENKOV, Ye.B., red.

[Commercial machinery and apparatus] Torgovye mashiny i
apparaty. Moskva, Ekonomika, 1964. 318 p.
(MIRA 18:1)

VASENIN, Nikolay Ivanovich; ZHARENKOV, Ye.V., red.; EL'KINA, E.M.,
tekhn. red.

[Wages for the workers of state commerce] Oplata truda rabotni-
kov gosudarstvennoi trgovli. Moskva, Gostorgizdat, 1962. 66 p.
(MIRA 16:3)

(Wages) (Russia—Commerce)

ZAVODSKAYA, Raisa Stepanovna; LOBOVIKOV, Yuriy Vladimirovich;
ZHARENKOV, Ye.V., red.; MAMONTOVA, N.N., tekhn. red.

[Problems in planning in commerce] Sbornik zadach po planirovaniu v trgovle. Moskva, Gostorgizdat, 1963. 133 p.
(MIRA 16:10)

(Russia--Commerce)

SAMSONOV, Lev Arkad'yevich; ZHARENKOV, Ye. V., red.; MAMONTOVA, N. N.,
tekhn. red.

[Self-service bakeries] Khlebobulochnye magaziny samoobslyuzhi-
vaniia. Moskva, Gostorgizdat, 1962. 53 p. (MIRA 16:3)
(Bakeries) (Self-service stores)

PONOMAREV, Boris Vladimirovich; ZHARENKOV, V Ye. V., red.; MAMONTOVA,
N.N., tekhn. red.

[Reports of persons responsible for goods in retail enter-
prises] Otchetnost' material'no otvetstvennykh lits roznich-
nykh gorgovykh predpriatii. Moskva, Gostorgizdat, 1962. 71 p.
(MIRA 15:12)

(Retail trade--Accounting)

KAGANOVSKAYA, S.N.; ZHARIKHINA, M.A.; MARKUS, V.D.; ROZINA, O.M.

Tricarbohydrate medium with urea in an examination for enterobacteria. Lab. delo no.8:496-497 '65. (MIHA 18:9)

1. Laboratoriya Moskovskoy gorodskoy sanitarno-epidemiologicheskoy stantsii (glavnyy vrach M.S. Sokolovskiy).

ZHARIKOV, A.F.; GRINBERG, P.I., red.

[Operation and maintenance of the ZIL-166A and GAZ-51Zh
bottled-gas driven motor vehicles, Ekspluatatsia i
tekhnicheskoe obsluzhivanie gazoballonnykh avtomobilei
ZIL-166A i GAZ-51Zh. Moskva, Avtotransizdat, 1963. 54 p.
(MIRA 17:10)

GRIBKOV, Yu.P.; ZHARIKOV, A.I.; SHNYKIN, L.P.

Drill for machining deep holes in aluminum alloys. Stan. i instr.
36 no.9:36-37 S '65. (MIRA 18:10)

ZHARIKOV, A. V.

8/082/62/013/006/019/027
B102/B186

AUTHORS: G. T. and M. R.

TITLE: Nauchnaya konferentsiya Moskovskogo inzhenerno-fizicheskogo instituta (Scientific Conference of the Moscow Engineering Physics Institute) 1962

PERIODICAL: Atomnaya energiya, v. 13, no. 6, 1962, 603 - 606

TEXT: The annual conference took place in May 1962 with more than 400 delegates participating. A review is given of these lectures that are assumed to be of interest for the readers of Atomnaya energiya. They are following: A. I. Leypunskiy, future of fast reactors; A. A. Vasil'yev, design of accelerators for superhigh energies; I. Ya. Pomeranchuk, analyticity, unitarity, and asymptotic behavior of strong interactions at high energies; A. B. Migdal, phenomenological theory for the many-body problem; Yu. D. Fivyskiy, deceleration of medium-energy antiprotons in matter; Yu. M. Kogan, Ya. A. Iosilevskiy, theory of the Mossbauer effect; M. I. Ryazanov, theory of ionization losses in nonhomogeneous medium; Yu. B. Ivanov, A. A. Rukhadze, h-f conductivity of subcritical plasma;

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Nauchnaya konferentsiya...

S/089/62/013/006/019/027
B102/B186

Ye. Ye. Lovetskiy, A. A. Rukhadze, electromagnetic waves in nonhomogeneous plasma; Yu. D. Kotov, I. L. Rozental', the origin of fast cosmic muons; Yu. M. Ivanov, muon depolarization in solids; V. G. Varlamov, Yu. M. Grashin, B. A. Dolgoshein, V. G. Kirillov-Ugryumov, V. S. Roganov, A. V. Samoylov, μ^- capture by various nuclei; V. S. Demidov, V. G. Kirillov-Ugryumov, A. K. Ponomov, V. P. Protasov, F. M. Sergeyev, scattering of π^- mesons at 5 - 15 Mev in a propane bubble chamber; S. Ya. Nikitin, M. S. Aynutdinov, Ya. M. Selektor, S. M. Zombkovskiy, A. F. Grashin, muon production in π^+p interactions; B. A. Dolgoshein, spark chambers; N. G. Volkov, V. K. Lyapidevskiy, I. M. Obodovskiy, study of operation of a convection chamber; K. G. Finogenov, production of square voltage pulses of high amplitudes; G. N. Aleksakov, problems of color vision; V. K. Lyapidevskiy, relation between number of receivers and number of independent colors; Ye. M. Kudryavtsev, N. N. Sobolev, M. I. Tizengausen, L. M. Tunitskiy, F. S. Paysulov, determination of the moment of electron transition of oscillator forces and the widths of the Schumann-Runge bands of molecular oxygen; B. Ye. Gavrilov, A. V. Zharikov, V. I. Rayko, decomposition of the volume charge of intense ion beams; Ye. A. Kramer-Ageyev, V. S. Troshin, measurement of neutron spectra; G. G. Doroshenko, new methods of fast-neutron recording; V. I. Ivanov, dosimetry terminology; R. M. Voronkov, Card 2/4

L 16858-63 EWP(q)/EWT(m)/BDS AFPTG/ASD/ESD-3 RH/JD/AB
ACCESSION NR: AR3006316 S/0058/63/000/007/E056/E056

SOURCE: RZh. Fizika, Abs. 7E369

AUTHOR: Zharikov, G. P.

TITLE: Investigation of rectification processes for the system of an electrolyte with an oxide semiconductor

CITED SOURCE: Uch. zap. Azerb. un-t. Ser. fiz.-matem. i khim. n.,
no. 3, 1962, 43-55

TOPIC TAGS: rectifier, electrolytic, sulfuric acid, boric acid,
cadmium carbonate electrode

TRANSLATION: Electrolytic rectifiers based on TiO₂ in aqueous solu-
tions of H₂SO₄ and HBO were investigated. The rectification coef-
ficient (RC) reaches several hundred thousand and depends on the am-
plitude of the applied alternating voltage, the composition of the

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L 16858-63

ACCESSION NR: AR3C06316

electrolyte, and the conditions of forming the oxide layer. The RC has high values at low frequencies and decreases sharply at 1.5 kcs; the maximum frequency at which detection was observed is ~ 10 Mc. Application of a small DC voltage to the electrolytic cell improves the rectifier characteristics. The electrolytic rectifier with oxidized Cd electrode in a solution of K_2CO_3 has a small RC (30--40). V. Tyagay.

DATE ACQ: 15Aug63

SUB CODE: PH

ENCL: 00

Card. 2/2

ACC NR: AR6035052

SOURCE CODE: UR/0058/66/000/008/E071/E071

AUTHOR: Zharikov, G. P.; Nagiyev, V. M.

TITLE: Resonant acoustoelectric effect during a-c transmission through selenium rectifiers

SOURCE: Ref. zh. Fizika, Abs. 8E544

REF SOURCE: Uch. zap. Azerb. un-t. Ser. fiz.-matem. n., no. 4, 1965, 53-55

TOPIC TAGS: acoustoelectric effect, selenium rectifier, pn junction, resonant acoustoelectric effect, ac selenium rectifier, oscillation frequency, frequency multiplication

ABSTRACT: It has been experimentally established that Se-rectifiers are electroacoustic oscillators radiating intense directed sound at specific resonant frequencies which are multiples of the fundamental a-c frequency. The constant shift, which acts in the opposite direction and does not exceed a given limit, amplifies the sound as it is transmitted through the a-c rectifier. These methods make it possible to record both strong and weak sonic oscillations. The observed effect can be used for multiplying the electric oscillation frequency. The quality

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ACC NR: AR6035052

and properties of p-n junctions can be ascertained on the basis of the intensity of the resonant electroacoustic effect. [Translation of abstract]. [DW]

SUB CODE: 20/

L 46707-66 ENT(1)/ENT(m)/ENT(w)/T/ENT(t)/ETI IJP(c) JD/GG/GD

ACC NR: AT6020706

(N)

SOURCE CODE: UR/0000/65/000/000/0084/0090

AUTHOR: Zharikov, G. P.; Zorin, V. V.; Litvishko, Z. V.

ORG: Institute of Cybernetics, AN UkrSSR (Institut kibernetiki AN UkrSSR)

TITLE: Effect of technological parameters on the magnetic properties of permalloy films obtained by condensation of the vapor of an alloy in vacuum

SOURCE: AN UkrSSR. Fizika metallicheskih plenok (Physics of metal films). Kiev, Naukova dumka, 1965, 84-90

TOPIC TAGS: magnetic thin film, permalloy, magnetic property, crystallization, phase transition, temperature dependence, magnetic domain boundary, magnetic coercive force, magnetic anisotropy

ABSTRACT: The purpose of the investigation was to determine the optimal condensation conditions under which the uncontrolled substrate heating and heat release of the vapor-crystal phase transition are reduced to a minimum. The tests were made with a specially developed evaporator and the substrate temperature was measured with a Cu-Ni thermocouple in the form of a film deposited directly on the substrate. Measurements were made of the substrate heat rise and phase transition heat release against the time, of the coercive force and the displacement of the domain boundaries against the film thickness, and of the relative change in the coercive force as a function of the uniaxial anisotropy of the films. The test consisted of checking the influence of different condensation parameters on the magnetic properties of the

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L 46707-66

ACC NR: AT6020706

films. The results show that the substrate temperature is noticeably increased by the thermal radiation of the evaporator and by the heat released in the phase transition. This temperature rise can be reduced by increasing the condensation rate or by using an evaporator with smaller heating area. Comparison of data obtained for different condensation rates, residual gas pressures, and substrate temperatures shows that the magnetic properties are most influenced by the substrate temperature. With increasing temperature, the coercive force of films of thickness 300 - 900 Å increases, and since this is the thickness range in which the anisotropy energy constitutes a major fraction of the domain-boundary energy, it is concluded that at least one of the causes of this increase is the inhomogeneity of the uniaxial-anisotropy field. Orig. art. has: 5 figures.

SUB CODE: 20/ SUBM DATE: 16Dec64/ OTH REF: 003

Card 2/2 fv

ZHARIKOV, Ivan Semenovich; YEGOROV, Yuriy Grigor'yevich; BOBKOVA,
Anastasiya Fominichna; DOMASHEVICH, O., red.; YERMILOV, V.,
tekhn. red.

[Fascioliasis of farm animals and its control] Fastsiioz sel'-
skokhoziaistvennykh zhivotnykh i bor'ba s nim. Minsk, Sel'khoz-
giz BSSR, 1962. 63 p. (15:11)

(White Russia--Liver fluke)

(White Russia--Parasites--Domestic animals)

ZHARIKOV, Leonid Mikhaylovich; GUSAKOVA, A., red.; NAZAROVA, A.,
~~tekhn. red.~~

[The Kursk riddle] Kurskaia zagadka. Moskva, Izd-vo
"Znanie," 1963. 95 p. (MIRA 16:10)
(Kursk Magnetic Anomaly)

MOROZOV, G.V., otv. red.; BABAYAN, E.A., red.; BOGOLEPOV, N.K., red.;
GORDOVA, T.N., red.; ZHARIKOV, N.M., red. KERBIKOV, O.V.,
red.; ROZHNOV, V.Ye., redaktor; SLUCHENSKIY,
I.F., red.; SNEZHNEVSKIY, A.V., red.; FEDOTOV, D.D., red.;
SHOSTAKOVICH, V.V., red.; BOGDANOVICH, L.A., red.

[Current problems of psychiatry and neuropathology] Aktual'nye
voprosy psikhiiatrii i nevropatologii. Moskva, Izd-vo M-va
zdravookhraneniia SSSR, 1963. 400 p. (MIRA 16:10)

(PSYCHIATRY)
(NERVOUS SYSTEM—DISEASES)

ZHARIKOV, N.M., otv. red.; DEGLIN, V.Ya., red.; KUDRYAVTSEVA, V.P.,
red.; LEBEDINSKIY, M.S., red.; SUKHAREVA, G.Ye., red.;
YUR'YEVA, O.P., red.; KOLOBKOVA, Ye., tekhn. red.

[Problems in child psychiatry] Voprosy psikhatrii detskogo
vozrasta. Moskva, 1962, 289 p. (MIRA 15:11)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut psi-
khatrii.

(CHILD PSYCHIATRY)

ZHARIKOV, N.M.; LEVIT, V.G.; POPOVA, M.S.; RATNER, I.O.; STANKEVICH, L.A.;
SHMAONOVA, L.M.

State of schizophrenia treatment based on data of an
outpatient study. Zhur. nevr. i psikh. 64 no.6:911-918 '64.
(MIRA 17:12)

1. Institut psikhiatrii AMN SSSR, Moskva.

ZHARIKOV, N.M.

Criteria for the prognosis of schizophrenia. Vest. AMN SSSR
17 no.1:14-17 '62. (MIRA 15:3)

1. Iz kafedry psikhiatrii (zav. - chlen-korrespondent AMN
SSSR prof. G.V. Kerbikov) II Moskovskogo meditsinskogo instituta
imeni N.I. Pirogova.

(SCHIZOPHRENIA)

ZHARIKOV, N.M.

Problems in the forensic psychiatric evaluation of remissions in schizophrenia. Sud.-med.ekspert. 2 no.3:43-46 J1-S '99.

(MIRA 13:4)

1. Tsentral'nyy nauchno-issledovatel'skiy institut sudobnoy psikhia-
trii imeni prof. Serbskogo (dir. - dotsent G.V. Marozov).
(FORENSIC PSYCHIATRY) (SCHIZOPHRENIA)

USSR / General Problems of Pathology. Pathophysiology U
of the Infectious Process.

Abs Jour: Ref Zhur-Biol., No 11, 1958, 51596.

Author : Matveyets, L. S., Olsuf'yov, N. G., Il'inskiy,
Yu. A., Zharikov, N. M., Kerbikov, O. V.

Inst : Not given.

Title : On the Study of the Immunological Reactivity
of the Organism in Antitularemia Vaccination of
Subjects With Various Conditions of the CNS.

Orig Pub: Zh. microbiol., epidemiol. i immunobiologii,
1957, No 9, 46-51.

Abstract: The immunological reactivity (IR) to antitular-
emia vaccination was investigated in mentally ill
patients. The indices of IR were lower in schi-
zophrenic patients than in normal ones. IR did
not decrease in benign schizophrenia, oligophre-
nia and in some cases of parkinsonism.

Card 1/1

ZHARIKOV, N.M.

MATVEYETS, L.S.; OLSUV'YEV, N.G.; IL'INSKIY, Yu.A.; ZHARIKOV, N.M.;
KREBIKOV, O.V.

Studies on the immunological reactivity of the organism following
vaccination against tularemia in subjects with modification of the
central nervous system. Zhur.mikrobiol.epid. i immun. 28 no.9:
46-51 S '57. (MIRA 10:12)

1. Iz Instituta epidemiologii i mikrobiologii N.F.Gamalei AMN SSSR
i II Moskovskogo meditsinskogo instituta.
(CENTRAL NERVOUS SYSTEM, diseases,
eff. on immunol. reactivity to tularemia vacc. (Rus))
(TULAREMIA, prevention and control,
vacc., eff. of CNS dis. on immunol. reactivity (Rus))

Zharikov N.M.

ZHARIKOV, N.M.; KUTEPOVA, A.D.

Hypoglycemic and shock doses of insulin for treating presenile psychoses. Zhur.nevr. i psikh. Supplement:85 '57. (MIRA 11:1)

1. Kafedra psikhiiatrii (zav. - prof. O.V.Kerbikov) II Moskovskogo meditsinskogo instituta imeni I.V.Stalina i Psikhonevrologicheskaya gorodskaya klinicheskaya bol'nitsa No.8: imeni Z.P.Solov'yeva (glavnyy vrach - V.D.Denisov)
(PSYCHOSES) (INSULIN)

ZHARIKOVA, G.G.; KOVYAZIN, N.V.; LUKIN, A.A.; MITRONOVA, T.N.; SAVCHENKO,
G.V.; SILAYEV, A.B.; SUSHKOVA, I.V.

Production of gramicidin G by the flat form of *Bacillus brevis*
var. GB. Antibiotiki 8 no.3:226-232 Mr'63 (MIRA 17:4)

1. Laboratoriya antibiotikov i kafedra genetiki biologo-poch-
vennogo fakul'teta Moskovskogo universiteta imeni Lomonosova.

ZHANTYEV, R.D.; CHERNYSHEV, V.B.

Flight of beetles (Coleoptera) toward the light of the quartz mercury
vapor lamp. Ent. oboz. 39 no.3:594-598 '60. (MIRA 13:9)

1. Kafedra entomologii Moskovskogo gosudarstvennogo universiteta,
Moskva.

(Insect traps)

(Ultraviolet light)

ZHANTUAROVA, G.A.
ZHANTUAROVA, G.A.

Effectiveness of treating diseases of the joints at the Shchuchinskiy
health resort. Trudy Inst. Kraev. pat. AN Kazakh SSR 5:87-97 '57.

(JOINTS--DISEASES)

(SHCHUCHINSK DISTRICT--BATHS, MOOR AND MUD)

Zhantykov, O. A.

Call Nr: AF 1108825

Transactions of the Third All-union Mathematical Congress (Cont.) Moscow, Jun-Jul '56, Trudy '56, V. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Moscow, 1956, 237 pp.
Yegorov, V. G. (Sverdlovsk). The Stability of Solution of a System of Equations Given in a Form of Total Differentials. 52-53.

Zhantykov, O. A. (Alma-Ata). On the Construction of the Integral of Partial Differential Equations of the First Order for the Equation Integrals for a Calculated Countable Set of Independent Variables. 53-54

Zagorskiy, T. Ya. (L'vov). Some Mixed Problems of Parabolic Systems. 54-55

Kim, Ye. I. (Rostov-na-Donu). On a Class of Singular Integral Equations. 55

Koshelev, A. I. (Leningrad). Boundedness of Generalized Solutions of Elliptic Equations. 56

Mention is made of Bernshteyn, S. N.

Card 17/80

PARIMBETOV, B.P.; ZHAPABAYEV, K.

Air-entrained silicate and air-entrained concrete made from
waste products of the Balkhash mining and metallurgical
combine. Trudy Kazakh. fil. Asia no.2:105-114 '60.

(MIRA 15:2)

(Kazakhstan--Lightweight concrete)

ZHARAVEL, R. YU.

SIDORENKO-ZELEZINSKAYA, G.M. / ZHARAVEL, R.Yu.

Study of morbidity among collective farm workers with temporary disability; according to materials from the Kiev District. Sov. zdav. 16 no.6:14-19 Je '57. (MIRA 10:8)

(DISEASE, statist.

in collective farms, method of study)

1. ZHARAVOV, V. Eng.
2. USSR (600)
4. Chalk
7. Rotary chalk grinder RM-4, Zhil-kom. khoz. 2, no. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

1. ZHARAVOV, V., Eng.
2. USSR (600)
4. Milling Machinery
7. Rotary chalk grinder RM-4. Zhil. -kom. khoz. 2, No. 12, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

ZHABROVA4CSM8

600

1. YELOVICH, S.Yu.; ZHABROVA, G.M.

2. USSR (600)

"The Mechanism of the Catalytic Hydrogenation of Ethylene on Nickel--11. The role of the Activated Absorption of Ethylene and Hydrogen in the Process of Hydrogenation; the General System of the Process". Zhur. Fiz. Khim, 13, No 12, 1939. Leningrad, Inst of Chemical Physics, Lab of Catalysis. Received 23 July 1939.

9. ~~USSR~~ Report U-1615, 3 Jan. 1952.

ZHABROVA4G8M8

600

1. YELOVICH, S Yu; ZHABROVA, G. M.

2. USSR (600)

"The Mechanism of the Catalytic Hydrogenation of Ethylene on Nickel--I. The Kinetics of the Process," Zhur. Fiz. Khim 13, No. 12, 1939. Leningrad, Inst. of Chemical Physics, Lab. of Catalysis. Received 23 July 1939.

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~~ZHARDETSKAYA Ye. V.~~
YERMINA, M.S., kand.med.nauk; TSAQIKYAN, N.A.; ZHARDETSKAYA, Ye.V.

Modern methods for the laboratory diagnosis of tuberculosis of the female genitalia. Akush. i gin. 34 no.1:67-70 Ja-F '58. (MIRA 11:4)

1. Iz otdeleniya konservativnoy ginekologii (zav. - prof. S.K.Lesnoy) Nauchno-issledovatel'skogo instituta akusherstva i ginekologii (dir. L.G.Stepanov) Ministerstva zdravookhraneniya RSFSR.
(TUBERCULOSIS, FEMALE GENITAL, diag. cytodiag. (Rus))

BIRKINA, N.I., student biolog.fakul'teta; ZHARENKO, A.Z., nauchnyy
rukovoditel', dots.

Some data on the growth of trees and bushes along the seaside
slopes of the Odessa littoral. Pratsi Od.un. Zbir.stud.rob.
149 no.5:209-211 '59. (MIRA 13:4)

1. Odesskiy gosudarstvennyy universitet.
(Odessa--Woody plants)

~~ZHARDTSEVA, Ye. V.~~

YUR'YEVSKIY, S.G.; DUDAREVA, M.V.; ZHARDTSEVA, Ye. V.; LEBEDOVA, M.A.

Trichomonal invasion of the upper female genital organs during puerperium. Akush. i gin. 32 no. 5:30-34 S-O '56. (MIRA 10:11)

1. Iz Instituta akusherstva i ginekologii (dir. L.G. Stepanov) Ministerstva zdravookhraneniya SSSR.

(PUERPERIUM, compl.

trichomoniasis of upper genitalis)

(TRICHOMONIASIS

genitalis, female, in puerperium)

(GENITALIA, FEMALE, dis.

trichomoniasis in puerperium)

2. ZHARDETSKAYA, Ye.V.
ZHARDETSKAYA, Ye.V. (Moskva)

How and why we should determine the sensitivity of germs to anti-
biotics. Fel'd. i skush. 23 no.2:50 F '58. (MIRA 11:3)
(BACTERIA, EFFECT OF DRUGS ON)
(ANTIBIOTICS)

ZHARDETSKAYA, Ye. V.

LEBEDEVA, M.A.; ZHARDETSKAYA, Ye. V.

Comparing methods for the laboratory diagnosis of Trichomonas. Lab.
delo 3 no.4:40-41 JI-Ag '57. (MIRA 10:8)

1. Iz Nauchno-issledovatel'skogo instituta akusherstva i ginekologii
Ministerstva zdavookhraneniya RSFSR, Moskva
(TRICHOMONAS)

DOTSENKO, A.P., kand. med. nauk; ZHARDETSKIY, A.S., dotsent

Clinical aspects and surgical treatment of primary pleural tumors.
Vest. khir. 94 no.2:61-67 F '65. (MIRA 18:5)

1. Iz kafedry obshchey khirurgii (zav. - prof. I.Ya. Deyneka)
pediatricheskogo i stomatologicheskogo fakul'tetov Odesskogo
meditsinskogo instituta imeni Pirogova.

ZHARDIN, G. A.

42334 ZHARDIN, G. A. - Nekotoryye voprosy glubokoy vytyazhki detaley bol'shikh tolshchin i gabaritov. V sb: Opyt novatorov mashinostroyeniya. Kuybyshev, 1948, s. 234-42.

SO: Letopis' Zhurnal'nykh Statey, Vol. 47, 1948.

KOLMAKOV, V.M., inzh.; BALIYEV, Ch.B., inzh.; LINETSKIY, G.I.,
inzh.; POLYANSKIY, S.K., inzh.; LUYK, I.A., inzh.;
ZHARDINOVSKIY, G.M., inzh.; PEREVALYUK, M.V., red.;
BOROVNEV, N.K., tekhn. red.

[Album for the maintenance of the LAZ-690 motor crane]
Al'bum tekhnicheskogo obsluzhivaniia avtokrana LAZ-690.
Moskva, Stroiizdat, 1964. 110 p. (MIRA 17:3)

1. Akademiya budivnytstva i arkhitektury URSR. Institut
organizatsii i mekhanizatsii stroitel'nogo proizvodstva.

ZHARDINSKAYA, N.G.; KRUCHININ, Yu.A.; SISKI, R.K.

Snowstorm at the height of the summer. Probl. Arkt. no. 4:99-100
'58. (MIRA 11:12)

(New Siberian Islands--Snow)

ZHARDIN'YE, A.

Build and fly. Voen.znan. 25 no.6:18 Je '59.

(MIRA 12:12)

(Gliding and soaring)

ZHARENKO, A.Z.; TOCHIDLOVASKAYA, K.I.

[Guide to the Botanical Garden of Odessa University] Putevoditel'
po Botanicheskomu sadu Odesskogo gosudarstvennogo universiteta im.
I.I.Mechnikova. Odessa, 1956. 84 p. (MIRA 12:11)

1. Odessa. Universytet.
(Odessa--Botanical garden)

ZHARENKO, A.Z., dots.

Using common pistachio for landscape work in populated
areas of southern Odessa Province. Na dopom.sil'.hosp.ta
vyr. no.5:37-38 '58. (MIRA 13:3)

1. Kafedra sistematiki rasteniy Odesskogo gosuniversiteta.
(Odessa Province--Pistachio)

Country : USSR
CATEGORY :

ABR. JOUR. : RZBiol., No. 19, 1958, No. 26961

AUTHOR : Zharenko, A. Z.
INST. : Odessa University
TITLE : Acclimatization of Decorative Arboreal and Shrubby Plants in the Botanical Garden of Odessa State University.

ORIG. PUB. : Nauchn. yezhegodnik Odessk. un-t, 1956, Odessa, 1957, 226-228

ABSTRACT : The work was conducted during 1950-1956. A study was made of the development rhythm, growth dynamics, winter hardiness, and degree of acclimatization of 143 arboreal-shrubby species and decorative garden varieties. Acclimatization was most successful in the case of North American and European species, and also of plants of Northwestern Asia, Central and Western China. Plants from the Himalayas, Mediterranean countries, subtropical areas of China and Japan, undergo considerable damage. Under the conditions of Odessa area, a favorable outlook of acclimatization has been ascertained for cedar, magnolia, *Denkora*, *albizzia*, *pterocarya*, *agnus castus*, *buddleia*, etc. A study was made of the procedures of propagation of ginkgo,

CARD: 1/2

COUNTRY : USSR
CATEGORY :

M-2

ABR. JOUR. : RZBiol., No. 19, 195⁸, No. 86961

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : Pistacia vera, Syrian mallow, Manchurian
walnut, Flowering Ash, etc. -- A. G. Vyatkina.

CARD: 2/2

KONDRATYUK, Ye.M. [Kondratiuk, I.E.M.], otv. red.; BILOKIN, I.P.,
zam. otv. red.; BURACHINSKIY, O.M. [Burachyns'kyi, O.M.],
red.; ZHARENKO, N.Z., red.; KOLOMIYETS', I.O. [Kolomiets',
I.O.], red.; KOKHNO, M.A., red.; KHARKEVICH, S.S. [Kharkevych,
S.S.], red.; CHOPIK, V.I. [Chopyk, V.I.], red.; KAS'YAN, S.M.,
red.

[Acclimatization and introduction of new plants] Aklimati-
zatsiia i introduktsiia novykh roslyn. Kyiv, Naukova dumka,
1965. 221 p. (MIRA 18:5)

1. Akademiya nauk URSR, Kiev. Botanichnyi sad.

KUDRYAVTSEV, Vladimir Nikolayevich; ZHARENKOV, P.A., dotsent, kand.tekhn.
nauk, retsenzent; VOLZHENSKAYA, A.M., inzh., red.; VASIL'YEVA,
V.P., red.izd-va; SHCHETININA, L.V., tekhn.red.; FRUMKIN, P.S.,
tekhn.red.

[Planetary gear transmissions] Planetarnye peredachi. Moskva,
Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 279 p.
(MIRA 13:3)

(Gearing)

GOLUBOVICH, Aleksandr Andreyevich, inzh.; YERUSALIMCHIK, Abram Mayerovich, inzh.; ZHARENOV, Andrey Sergeyevich, inzh.; ROZEN, O.B., kand. tekhn. nauk, nauchn. red.; SOKOL'SKIY, I.F., red. izd-va; OSENKO, L.M., tekhn. red.

[The technology of bituminous roofing materials] Tekhnologiya bituminoz-nykh krovel'nykh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1961. 373 p. (MIRA 14:11)
(Roofing, Bituminous)

LUTSAU, Viktor Karlovich; ZHARENKOV, Ye.V., red.; MEDRISH, D.M.,
tekhn. red.

[Servicing of vending machines] Obsluzhivanie torgovykh
avtomatov. Moskva, Gostorgizdat, 1963. 223 p.
(MIRA 17:4)

EXCERPTA MEDICA Sec 8 Vol 12/8 Neurology Aug 59

3831. THE TECHNIQUE OF REMOVING NEUROECTODERMAL TUMOURS OF THE BRAIN (Russian text) - Zhargin A. G. - VOPR. NEIROKHIR. 1958, 3 (45-47 and 63) illus. 2

The author recommends a surgical approach to deeply located neuroectodermal tumours by way of the surface part of the convolutions. It is considered as the most sparing approach with regard to the arterial network of the pia mater.

(VIII, 5, 16)

ZHARGOV, M.

Methods of using syntans in the Soviet leather industry. Tr. from the Russian. p. 135.

(Kozarstvi. Vol. 7, no. 5, May 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

ZHARIKOV, A.

Soldiers' physician. Starsh.-serzh. no.4(7):38 Ap '61.
(MIRA 14:7)
(Military hygiene)

CHAPTER 1, 2.

In accordance with his father's precept. Kryl.rod. 12 no.11:6
M '61. (TRU. 14:11)

(World War, 1939-1945--Aerial operations, Russian)

KUZIN, M.I. (Moskva, ul. Grima, d. 13, korpus 1, kv. 49); SHAROV, O.S.;
ZHARIKOV, A.A.; TATEVOSTAN, A.S.

Some essential problems concerning operative methodology in
primary cancer of the lungs. Grad. khir. 6 no.6:47-52 N-D 1971.
(MIRA 18.7)

1. Fakul'tetskaya khirurgicheskaya klinika (zav. - prof. N.N.
Yelanskiy [deceased]) i Moskovskogo meditsinskogo instituta
imeni I.M. Sechenova.

ZHARIKOV, Andrey Dmitriyevich, polkovnik; FAL'SKIY, V.F., red.;
NAZAROVA, A.S., tekhn. red.

[Defense against atomic weapons] Protivoatomnaia zashchita.
Moskva, Izd-vo "Znanie," 1962. 44 p. (MIRA 15:4)
(Nuclear weapons--Safety measures)

ZHARIKOV, Andrey Dmitriyevich

Protivoatomnaya zashchita. Moskva, "Znaniye", 1962.

44 p. illus., diags.

1. Atomic bomb

ZHARIKOV, F. (Chernovitskaya obl.)

A radio receiver with "ground" battery power supply. Radio
no. 7:47 J1 '62. (MIRA 16:6)

(Transistor radios)

ZHARIKOV, G.

Electronic Measurements

Determining of coil parameters with the aid of an electronic oscillograph. Radio
no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress
November 1952. UNCLASSIFIED.

ZHARIKOV, G.

"Determination of coil parameters with the aid of an electronic oscillograph."

So. Radio, Vol. 8, p. 59, 1952

CHARIKOV, G. K.

Agriculture

Reorganizing agronomical services on the collective farm. Sov. agron. 10
no. 5, '52

Monthly List of Russian Accezzions, Library of Congress, July 1952. Unclassified.

ZHARIKOV, G. P.: Master Phys-Math Sci (diss) -- "Physical methods of investigating binding construction materials". Baku, 1958. 10 pp (Min Higher Educ USSR, Azerb State U im S. M. Kirov), 150 copies (KL, No 6, 1959, 124)

ZHARIKOV, G.P.

Investigating the elastic and viscous properties of binding materials
during seizing. Uch.sap.AOU no.5:25-38 ' 58. (MIRA 12:1)
(Binding materials--Testing)

ZHARIKOV, G. P.

A permanent-magnet moving coil galvanometer with a round frame.
Elektrichestvo no.5:67-68 My '57. (MLBA 10:6)

1. Azerbaydzhanskiy gosudarstvennyy universitet im. Kirova.
(Galvanometer)

AUTHOR
TITLE
PERIODICAL
ABSTRACT

ZHARIKOV G.P.

A Permanent-magnet Moving Coil Galvanometer With A Round Frame.

(Magnitoelektricheskiy galvanometr s krugloy ramkoy -Russian)

Elektrichestvo, 1957, Vol?, Nr 5, pp 67-68 (U.S.S.R.)

Received 6/1957

PA - 3110

Reviewed 7/1957

The calculations carried out by the author show that with equal number of windings, equal frame cross section, equal carrier wires and equal magnetic field in the air gap, the sensitivity of a galvanometer with a round frame is 29% higher than for one with a right angle frame. In order to presence the radial magnetic field in the case of a round frame, the magnetic pole pieces are constructed with spherical deepenings and the core is cone shaped. The equation for the increase of sensitivity is derived for both cases and the proof produced for the above mentioned 27% higher sensitivity in a galvanometer with a round frame. The purely qualitative explanation of this manifestation consists of the fact that with a round frame the magnetic field with all elements, but with a right angle one, interacts; it interacts only with those windings which are situated in the two side frame. Finally it is ascertained that with the same logarithms the round frame weighs less than the right angle.
(With one illustration)

Card 1/2

A Permanent-magnet Moving Coil Galvanometer With a
Round Frame.

PA - 3110

ASSOCIATION Kirv State University of Azerbadjan
PRESENTED BY
SUBMITTED 25.7.1956
AVAILABLE Library of Congress
Card 2/2

ZHARIKOV, G.P.

Current rectification processes for a three-electrode system.
Uch zap. AGU. Ser. fiz.-mat. nauk no.2189-97 '63.

(MIRA 18:1)

Card 2/2

ASSOCIATION Insty*but kibernetky*by* AN UZSSR, Kiev(Institute of Cybernetics,

SUBMITTED: 13Sep63

ENCL. 00

SUB CODE: SS, MM

NO REF SOV: 000

OTHER: 007

Card 2/2

L 36116-66 EWT(d)/EWP(1) LJP(c) BB/GG/GD
ACC NKI AT6017027 SOURCE CODE: UR/0000/65/

AUTHOR: Zharikov, G. P.; Ostapenko, Yu. V.

ORG: None

TITLE: Magnetic properties of thin ferromagnetic films and the performance curves of film elements of memory matrices 16/

SOURCE: AN UkrSSR. Kiberneticheskaya tekhnika (Cybernetic techniques). Kiev, Naukova dumka, 1965, 11-18

TOPIC TAGS: magnetic thin film, ferromagnetic film, thin film memory, thin film circuit

ABSTRACT: The development of magnetic film memories is impossible without investigations of the relationship of the performance curves of matrices to the magnetic properties of the elements and investigations of the patterns of variations in the geometric and technological parameters of the films. The direct aim of these investigations is the determination of the optimal magnetic properties of the films and the dependence of their parameters. The present article investigates the dependence of the threshold characteristics of magnetic film elements of matrices on the coercive force of the shift of domain boundaries H_c , the uniaxial anisotropy field H_k , and on the dispersion of the mean directions of

Card 1/2